

Form PTO-1449
Equivalent

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No. 503.39601CX1
Serial No. (not yet assigned)
Applicant: T. TOMIOKA, et al
Filing Date: March 2, 2004
Group:

U.S. Patent Documents

| Examiner Initials | Document No. | Date | Name | Class Subclass | Filing Date If Approp. |
|----------------------|-----------------|-------|-----------------|----------------|---------------------------|
| T.R.C. ↓ | 4,345,249 | 8/82 | Togashi | 345/103 | |
| | 5,596,435 | 1/97 | Sunohara et al | 349/124 | |
| | 5,700,860 | 12/97 | Nishikawa et al | 430/20 | |
| | 6,078,375 | 6/00 | Matsumoto et al | 349/123 | |
| | 6,091,473 | 7/00 | Hebiguchi et al | 349/141 | |
| | 6,143,380 | 11/00 | Gibbons et al | 428/127 | |
| | 2001/0024258 | 9/01 | Kim et al | 349/139 | |

Foreign Patent Documents

| Document No. | Date | Country | Class Subclass | Translation Yes No |
|-----------------|-------------|---------|----------------|-----------------------|
| T.R.C. ↓ | WO 91/01093 | 2/91 | PCT/JP90/00933 | |
| | 7-157986 | 6/95 | Japan | |
| | 7-181439 | 7/95 | Japan | |
| | 8-54631 | 2/96 | Japan | |
| | 9-73101 | 3/97 | Japan | |
| | 10-123526 | 5/98 | Japan | |
| | 11-030779 | 2/99 | Japan | |

Other Documents (including Author, Title, Date, Pertinent Pages, etc.)

Examiner

Howe

Date Considered 05/24/04

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609;
Draw line through citation if not in conformance and not considered. Include copy of this form with next
communication to applicant.